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PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]

GLASS LAMP MISSION 8122

17 SEPTEMBER 1966

Declass Review By NIMA/DOD

NPIC/R-340/66
SEPTEMBER 1966

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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W A R N I N G

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MISSION 8122, 17 SEP 1966

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 8122, 17 SEP 66. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

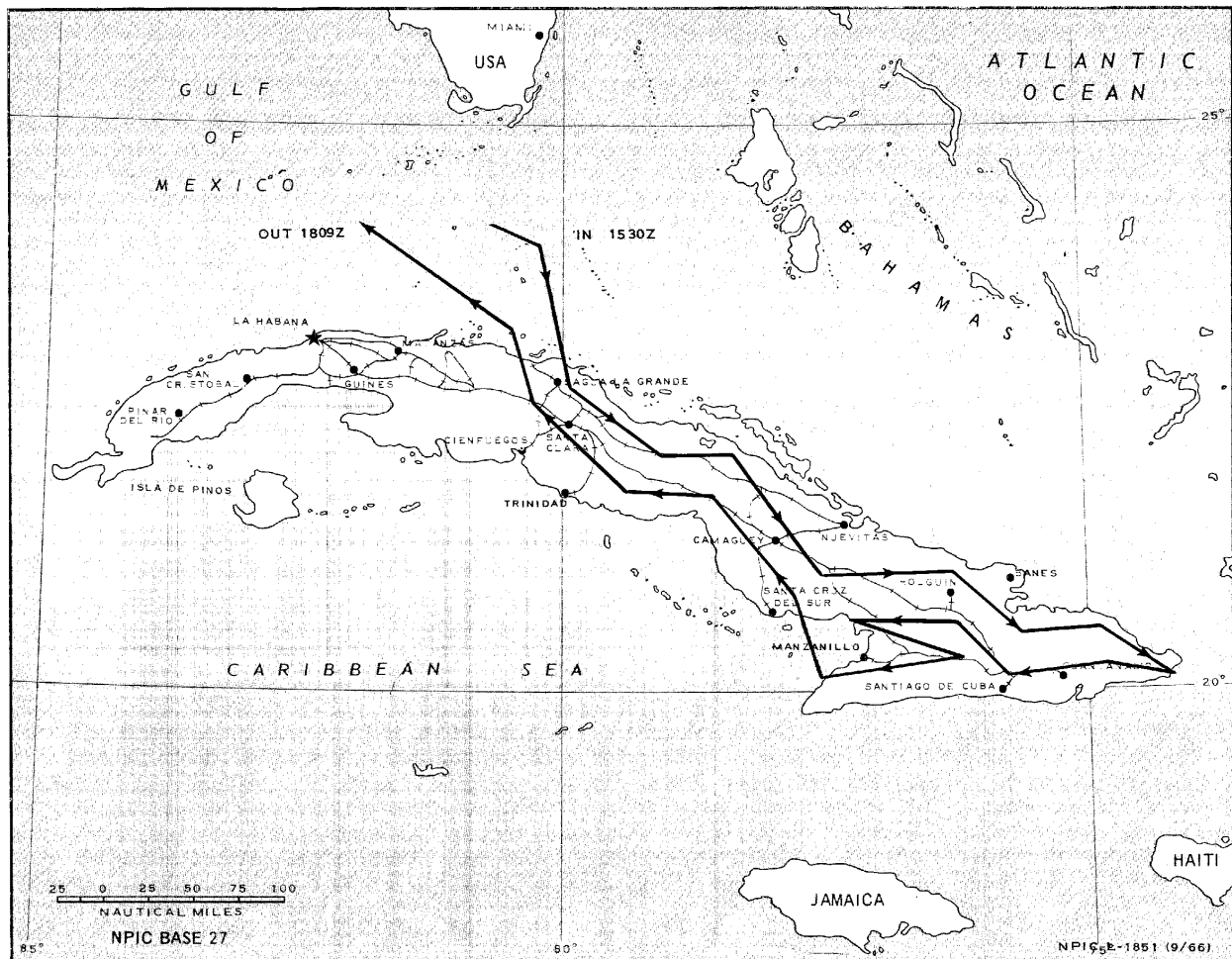
AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, AND 37MM), MEDIUM (57MM AND 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

25X1

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APPROXIMATE TRACK OF GLASS LAMP MISSION 8122, 17 SEPTEMBER 1966.

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MISSION 8122, 17 SEP 1966

25X1A

MISSILES

HOLGUIN SAM SITE B27-2

CU 2052N 07627W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 9 MISSILE TRANSPORTERS (6 WITH EXPOSED MISSILES), AND A GUIDANCE RADAR WITH 6 ASSOCIATED VAN TRAILERS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

MALDONADO SAM SITE A18-2

CU 2012N 07528W

OB -- 6 EMPLACED LAUNCHERS (2 WITH MISSILES), 8 MISSILE TRANSPORTERS (2 WITH EXPOSED MISSILES), AN OCCUPIED GUIDANCE REVETMENT WITH RADAR AND 6 ASSOCIATED VAN TRAILERS, AND 16 TRACKED PRIME MOVERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

RANCHUELO SAM SITE A33-2

CU 2223N 08010W

CONSTRUCTION CONTINUES ON GUIDANCE AREA AT PERMANENT SITE.
OB (AT TEMPORARY SITE) -- 5 EMPLACED LAUNCHERS (2 WITH MISSILES), 12 MISSILE TRANSPORTERS, GUIDANCE RADAR WITH 6 VAN TRAILERS, 11 TRUCK TRACTORS, 2 VAN TRUCKS, 4 UTILITY TRUCKS, AND 3 OTHER VAN TRAILERS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

SANTA CLARA SAM SITE A34-2

CU 2229N 08000W

PERMANENT SITE REMAINS UNDER CONSTRUCTION.
OB (AT PERMANENT SITE) -- 12 MISSILE TRANSPORTERS (3 WITH EXPOSED MISSILES), 3 TRUCK TRACTORS, 1 TRUCK-MOUNTED CRANE, AND 9 SETS OF BOGIE WHEELS.
OB (AT ADJACENT TEMPORARY SITE) -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES) AND A CENTRAL GUIDANCE RADAR WITH 6 ASSOCIATED VAN TRAILERS.
ACTIVITY -- 1 OCCUPIED LIGHT AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

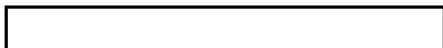
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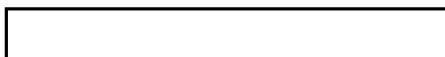
25X1A

SANTIAGO DE CUBA SAM SITE A23-2

CU 1959N 07550W

OB -- 6 EMPLACED LAUNCHERS (2 WITH PROBABLE MISSILES),
8 MISSILE TRANSPORTERS, A GUIDANCE AREA WITH
SHED-COVERED EQUIPMENT, AND 3 OTHER VEHICLES.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D



SANTIAGO SAM TRAINING AREA

CU 1958N 07551W

OB -- AT LEAST 55 VEHICLES/PIECES OF EQUIPMENT.
HAZE AND OBLIQUITY LIMIT INTERPRETATION.
NO APPARENT CHANGE IN FACILITIES.

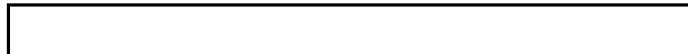
25X1D



SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W

PERMANENT SITE REMAINS UNDER CONSTRUCTION.
OB (AT TEMPORARY SITE) -- 5 EMPLACED LAUNCHERS (4 WITH
MISSILES), 12 MISSILE TRANSPORTERS (2 WITH EXPOSED
MISSILES), GUIDANCE RADAR WITH 6 VAN TRAILERS, 11 TRUCK
TRACTORS, AND 3 OTHER VAN TRAILERS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D



PALMA SORIANO SAM SITE A02-2

CU 2015N 07559W

OB -- 6 EMPLACED LAUNCHERS (3 WITH EXPOSED MISSILES), 9
MISSILE TRANSPORTERS (2 WITH EXPOSED MISSILES), A
PROBABLE FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS,
3 ADDITIONAL VAN TRAILERS, AND 3 OTHER VEHICLES.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D



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25X1A

LA VEGUITA SAM ASSEMBLY AREA

CU 2049N 07615W

OB -- 5 MISSILE TRANSPORTERS, 14 CARGO TRUCKS, AND
NUMEROUS MISSILE CANISTERS.
HAZE AND OBLIQUITY LIMIT INTERPRETATION.
NO APPARENT CHANGE IN FACILITIES.

25X1D

SAN PEDRO DE CACOCUM SAM SITE 1

CU 2047N 07615W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 11
MISSILE TRANSPORTERS, A GUIDANCE RADAR WITH 6
ASSOCIATED VAN TRAILERS, AND AT LEAST 7 VEHICLES.
ACTIVITY -- A TOKEN/BAR LOCK RADAR WITH 6 ASSOCIATED
VANS/PIECES OF EQUIPMENT IS ADJACENT TO THE SAM SITE AT
UTM 18QUT686989 (24-47-12N 076-15-42W).
AMS SERIES E723, SHEET 4978 III, 1ST ED.

25X1D

SAN PEDRO DE CACOCUM SAM SITE 2

CU 2045N 07615W

LAUNCH AND SUPPORT FACILITIES REMAIN UNDER
CONSTRUCTION.
HAZE AND OBLIQUITY LIMIT INTERPRETATION.

25X1D

LA MAYA SAM SITE

CU 2014N 07540W

LAUNCH AND SUPPORT FACILITIES REMAIN UNDER
CONSTRUCTION.
NO MISSILE-ASSOCIATED VEHICLES OR PIECES OF EQUIPMENT
OBSERVED.

25X1D

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD

CU 2229N 07956W

OB -- 20 FAGOT/FRESCO, 2 LIAISON, AND 11 HOUND (1
WITHOUT ROTORS).

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25X1D



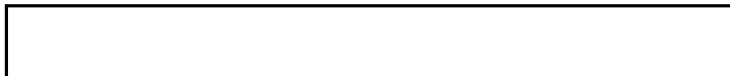
25X1A

CAMAGUEY INTERNATIONAL AIRFIELD

CU 2125N 07750W

OB -- 1 CRATE, 1 LIAISON, AND 1 HOUND.

25X1D



HOLGUIN AIRFIELD

CU 2047N 07618W

OB -- AT LEAST 3 FAGOT/FRESCO, 1 CRATE, 1 SMALL LIAISON, AND 3 HOUND OBSERVED IN CLOUD-FREE AREAS.

25X1D

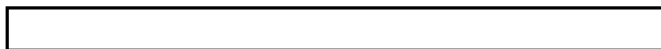


LDS CANOS AIRFIELD

CU 2005N 07509W

OB -- NONE OBSERVED.

25X1D



ANTONIO MACED AIRFIELD

CU 1958N 07550W

OB -- 1 C-47 AND 1 HOUND.

25X1D



BAYAMO AIRFIELD EAST

CU 2022N 07637W

OB -- 7 COLT AND 3 LIAISON.

25X1D



CAIBARIEN AIRFIELD

CU 2230N 07928W

OB -- NONE OBSERVED.

25X1D



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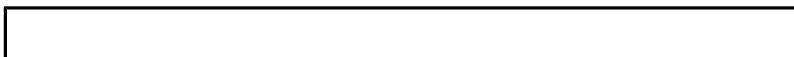
25X1A

BAYAMO AIRFIELD

CU 2023N 07637W

OB -- NONE OBSERVED.

25X1D



NAVAL ACTIVITY/PORTS

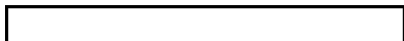
SANTIAGO DE CUBA NAVAL BASE AND PORT

CU 2001N 07550W

OB -- NONE OBSERVED.

OTHER VESSELS -- 3 LARGE FREIGHTERS AND 1 COASTAL
TANKER.

25X1D

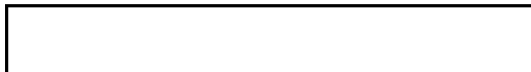


MANZANILLO PORT

CU 2021N 07707W

VESSELS -- NONE OBSERVED IN CLOUD-FREE AREAS.

25X1D

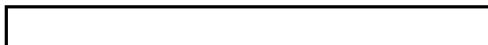


LA ISABELA PORT

CU 2256N 08000W

VESSELS -- NONE OBSERVED.

25X1D



CAIBARIEN PORT

CU 2231N 07928W

VESSELS -- NONE OBSERVED.

25X1D



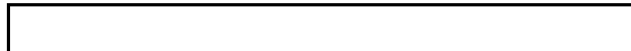
ELECTRONICS/COMMUNICATIONS

SANTA CLARA EW/GCI RADAR SITE

CU 2229N 07956W

OB -- 1 TOKEN/BAR LOCK AND 1 PROBABLE ROCK CAKE/STONE
CAKE RADAR.

25X1D



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25X1A

SANTIAGO DE CUBA EW/GCI RADAR SITE

CU 1959N 07551W

OB -- NONE OBSERVED.

ACTIVITY -- 15 TRACKED PRIME MOVERS AND 36 CARGO TRUCKS.

25X1D

SAGUA LA GRANDE EW/GCI RADAR SITE 2

CU 2248N 08006W

OB -- NONE OBSERVED.

ACTIVITY -- 4 VAN TRUCKS.

25X1D

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP

CU 2029N 07600W

OB -- 6 FA PIECES, 6 AAA PIECES, AND 128 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

DOS CAMINOS MILITARY CAMP

CU 2014N 07547W

OB -- 35 FA PIECES, 30 AAA PIECES, 35 TRACKED PRIME MOVERS, AND 21 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

GUANTANAMO AREA

CU 2018N 07525W

AREA 1 -- 30 PERCENT USEABLE COVERAGE.
AREAS 2 AND 6 -- 65 PERCENT USEABLE COVERAGE.
AREA 3 -- 15 PERCENT USEABLE COVERAGE.
AREA 4 -- 35 PERCENT USEABLE COVERAGE.
AREA 5 -- 40 PERCENT USEABLE COVERAGE. OB (AT MILITARY CAMP AT UTM 18QVT660254) -- 6 FA PIECES, 6 MORTARS AND 7 CARGO TRUCKS.
AREAS 7 AND 8 -- 80 PERCENT USEABLE COVERAGE.

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AREA 9 -- 15 PERCENT USEABLE COVERAGE.

25X1D



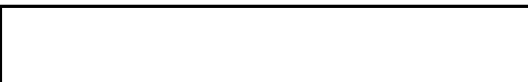
25X1A

HOLGUIN MILITARY CAMP

CU 2053N 07613E

OB -- AT LEAST 50 FA PIECES/MORTARS AND AT LEAST 120
CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

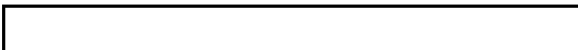


HOLGUIN MILITARY CAMP NW

CU 2057N 07616W

OB -- 18 PROBABLE CARGO TRUCKS AND 14 UNIDENTIFIED
PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D

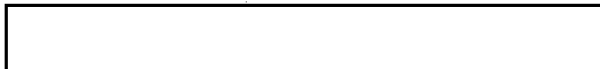


REMEDIOS MILITARY AREA

CU 2227N 07935W

OB -- 34 TANKS/SP GUNS, 5 FA PIECES, 6 AAA PIECES, 9
MORTARS, 230 CARGO TRUCKS, AND AT LEAST 50 OTHER
VEHICLES OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

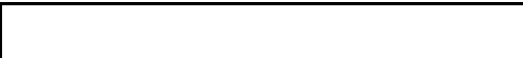


CAMAGUEY MILITARY CAMP

CU 2126N 07753W

OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

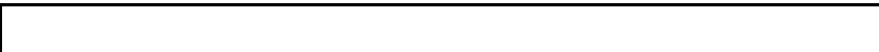


CORRALILLO MILITARY AREA

CU 2301N 08038W

OB -- NONE OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D



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25X1A

CUABITAS MILITARY CAMP

CU 2003N 07548W

OB -- 7 TANKS/SP GUNS, 9 PROBABLE TRACKED VEHICLES, AND
5 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D

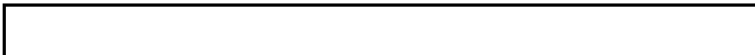


EL CRISTO MILITARY INSTALLATION

CU 2008N 07547W

OB -- NONE OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D



LA QUINTA MILITARY CAMP

CU 2002N 07551W

OB -- 4 PROBABLE MORTARS AND 30 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

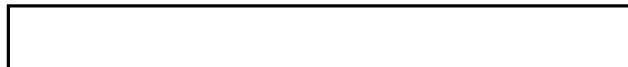


PUERTO PADRE MILITARY AREA

CU 2111N 07639W

OB -- 6 FA PIECES, 4 AAA PIECES, 19 CARGO TRUCKS, AND
11 OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

25X1D

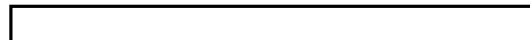


SANTA CLARA ARTILLERY TRAINING AREA

CU 2222N 08000W

OB -- APPROXIMATELY 12 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D



SANTA CLARA MILITARY ACTIVITY

CU 2220N 07957W

OB -- 5 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1D



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25X1A

SANTA CLARA MILITARY CAMP SOUTH

CU 2222N 07958W

OB (AREA 1) -- 28 CARGO TRUCKS. AREA 2 --
CLOUD-COVERED.
NO APPARENT CHANGE IN FACILITIES.

25X1D

SANTA ISABEL FINCA MILITARY CAMP

CU 2005N 07528W

CAMP HAS BEEN ABANDONED.
NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D

SANTIAGO DE CUBA MILITARY CAMP NW

CU 2003N 07554W

OB -- 35 CARGO TRUCKS AND 15 VEHICLES/PIECES OF
EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D

SANTIAGO DE CUBA MILITARY CAMP

CU 2003N 07553W

OB -- 33 FA PIECES, 18 AAA PIECES, 13 MORTARS, AND 132
CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D

LA CHARCA MILITARY ACTIVITY

CU 2246N 08036W

OB -- 19 FA PIECES AND 48 CARGO TRUCKS OBSERVED IN
CLOUD-FREE AREAS.
BUILDINGS AND DRIVE-THROUGH BUNKERS REMAIN UNDER
CONSTRUCTION.

25X1D

SIBONEY LANDING BEACH

CU 1957N 07542W

NO NEW MILITARY ACTIVITY OBSERVED.

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25X1D

[REDACTED]

25X1A

NICARD LANDING BEACH

CU 2042N 07533W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

GANUZA LANDING BEACH

CU 2305N 08030W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

MATAGUA MILITARY CAMP

CU 2215N 08002W NO COMOR

FACILITIES INCLUDE 8 BARRACKS, 1 ADMINISTRATION, 2
STORAGE, AND 4 SUPPORT BUILDINGS, 3 SMALL SHEDS, AND A
DRIVER-TRAINING AREA.
OB -- 41 CARGO TRUCKS.

25X1D

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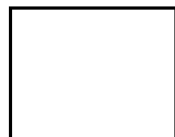
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-STATUS OF OTHER TARGETS-

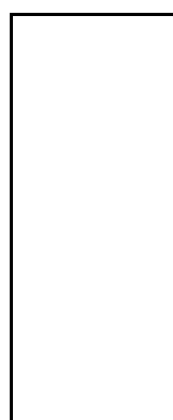
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THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

	SAN MIGUEL EW/GCI RADAR SITE	2229N 07953W
	PLAYA YATERITAS LANDING BEACH	1958N 07457W
	MAR VERDE LANDING BEACH	1957N 07556W
	IMIAS LANDING BEACH	2005N 07440W

25X1A

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

	CIFUENTES SAM ASSEMBLY AREA	2236N 08005W
	LOS ANGELES SAM SITE A06-2	2100N 07541W
	CONSTANCIA SAM SITE A10-2	2214N 08030W
	CIENFUEGOS NAVAL BASE	2208N 08027W
	HOLGUIN EW/GCI RADAR SITE	2048N 07618W
	PUNTA MAISI LOW SIEVE RADAR SITE	2014N 07409W
	LA SOCAPA LOW SIEVE RADAR SITE	1958N 07552W
	LOS ANGELES RADAR SITE 1	2100N 07541W
	OFELIA MILITARY CAMP	2006N 07530W
	SANTA CLARA MILITARY CAMP CUBANACAN	2224N 07952W
	LAS MERCEDES VEHICLE PARK	2224N 08001W
	MOA (PUNTA GORDA) LANDING BEACH	2039N 07453W
MOA (CANANOVA) LANDING BEACH	2039N 07502W	

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